

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	1	("20050085862").PN.	US-PGPUB; USPAT	OR	OFF	2006/06/22 14:54
S2	6	((("5,470,341") or ("5,733,310") or ("6,175,765") or ("6,563,377") or ("5,184,616") or ("5,716,381"))).PN.	US-PGPUB; USPAT	OR	OFF	2006/06/22 15:15
S3	313	(j near christopher near moulder) (gabriel near mouchawar) (steven near badelt) (mark near kroll)	US-PGPUB; USPAT	OR	OFF	2006/06/22 15:49
S4	1839	((607/4) or (607/5) or (607/7) or (607/74)). CQLS.	US-PGPUB; USPAT	OR	OFF	2006/06/22 15:50
S5	1300	S4 and @pd<"20031015"	US-PGPUB; USPAT	OR	OFF	2006/06/22 15:51
S6	117	S4 and @pd<"20031015" and (h-bridge (h adj bridge))	US-PGPUB; USPAT	OR	OFF	2006/06/23 14:55
S7	98	S4 and @pd<"20031015" and (h-bridge (h adj bridge)) and implant\$5	US-PGPUB; USPAT	OR	OFF	2006/06/22 15:52
S8	32	("20020077666"   "3886950"   "4637397"   "4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5350403"   "5370663"   "5385575"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5658321"   "5662689"   "5733310"   "5792187"   "5800462"   "5833712"   "5906633"   "5908443"   "5913877"   "5978706"   "5991658"   "6041254"   "6091989"   "6167305"   "6208896"   "6233483").PN. OR ("6954669").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2006/06/22 15:55
S9	0	("2003/0125773").URPN.	USPAT	OR	OFF	2006/06/22 17:00

S10	53	(US-20050085862-\$ or US-20010031992-\$ or US-20030125773-\$ or US-20030088281-\$ or US-20030088279-\$ or US-20030088277-\$ or US-20020087196-\$ or US-20010031991-\$ or US-20030120310-\$ or US-20030088282-\$).did. or (US-6175765-\$ or US-5733310-\$ or US-5184616-\$ or US-6954669-\$ or US-6763266-\$ or US-6745073-\$ or US-6744152-\$ or US-6772007-\$ or US-6714818-\$ or US-6484056-\$ or US-6233483-\$ or US-6093982-\$ or US-5913877-\$ or US-5871505-\$ or US-5833712-\$ or US-5733309-\$ or US-5718718-\$ or US-5620464-\$ or US-5591209-\$ or US-5534015-\$ or US-5522853-\$ or US-5514160-\$ or US-5507781-\$ or US-5383907-\$ or US-5199429-\$ or US-6477413-\$).did. or (US-6280461-\$ or US-6173204-\$ or US-6041254-\$ or US-5904706-\$ or US-5797968-\$ or US-5769872-\$ or US-5591211-\$ or US-5385575-\$ or US-6208896-\$ or US-6104953-\$ or US-5908443-\$ or US-5395395-\$ or US-6035235-\$ or US-5800462-\$ or US-5447518-\$ or US-5545181-\$ or US-5626619-\$).did.	US-PGPUB; USPAT	OR	OFF	2006/06/23 10:28
S11	16	S10 and (pulse adj width (pulsewidth))	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:53
S12	2053	back adj diode\$1	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:53
S13	22056	("607").CLAS.	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:54
S14	16	S12 and S13	US-PGPUB; USPAT	OR	OFF	2006/06/23 13:54
S15	1839	((607/4) or (607/5) or (607/7) or (607/74)). OCL.S.	US-PGPUB; USPAT	OR	OFF	2006/11/13 11:58

S16	13	S15 and (third adj leg\$1) and (h-bridge (h adj bridge))	US-PGPUB; USPAT	OR	OFF	2006/06/23 14:59
S17	36	(third adj leg\$1) and (h-bridge (h adj bridge))	US-PGPUB; USPAT	OR	OFF	2006/06/23 14:59
S18	187	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge)	US-PGPUB; USPAT	OR	OFF	2006/11/13 12:01
S19	171	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and cardiac	US-PGPUB; USPAT	OR	OFF	2006/11/13 12:13
S20	1	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and cardiac and ((pulse-width "pulse width") near modulat\$3 near (waveform "wave form" wave-form))	US-PGPUB; USPAT	OR	OFF	2007/04/05 13:20
S21	1	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and ((pulse-width "pulse width") near modulat\$3 near (waveform "wave form" wave-form))	US-PGPUB; USPAT	OR	OFF	2006/11/13 12:15
S22	17	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and ((pulse-width "pulse width") near modulat\$3)	US-PGPUB; USPAT	OR	OFF	2006/11/13 14:13
S23	2	09/800788	US-PGPUB; USPAT	OR	OFF	2006/11/13 14:13
S24	61	(US-20030074025-\$ or US-20040068301-\$ or US-20010031991-\$ or US-20030120310-\$ or US-20020087196-\$ or US-20030088279-\$ or US-20010031992-\$ or US-20030088277-\$ or US-20030125773-\$ or US-20050085862-\$ or US-20020022867-\$ or US-20040002736-\$ or US-20040172068-\$ or US-20030088281-\$ or US-20030088282-\$).did. or (US-5908443-\$ or US-5545181-\$ or US-5797968-\$ or US-5913877-\$ or US-5383907-\$ or US-5626619-	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:13

		\$ or US-6041254-\$ or US-5591211-\$ or US-6763266-\$ or US-5620464-\$ or US-6772007-\$ or US-6280461-\$ or US-6714818-\$ or US-5534015-\$ or US-5522853-\$ or US-5514160-\$ or US-5507781-\$ or US-6546287-\$ or US-6744152-\$ or US-6745073-\$ or US-6954669-\$ or US-6208896-\$ or US-5769872-\$ or US-6484056-\$ or US-5871505-\$ or US-5591209\$).did. or (US-6477413-\$ or US-5199429-\$ or US-5733309-\$ or US-5718718-\$ or US-5800462-\$ or US-5725560-\$ or US-6093982-\$ or US-5733310-\$ or US-6175765-\$ or US-5184616-\$ or US-6035235-\$ or US-5833712-\$ or US-6173204-\$ or US-6947793-\$ or US-6233483-\$ or US-5385575-\$ or US-5447518-\$ or US-6104953-\$ or US-5904706-\$ or US-5395395\$).did.				
S25	0	S24 and charg\$ and coupl\$ and (decoupl\$ uncoupl\$)	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:14
S26	43	S24 and charg\$ and coupl\$	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:35
S27	32	("20020077666"   "3886950"   "4637397"   "4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5350403"   "5370663"   "5385575"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5658321"   "5662689"   "5733310"   "5792187"   "5800462"   "5833712"   "5906633"   "5908443"   "5913877"   "5978706"   "5991658"   "6041254"   "6091989"   "6167305"   "6208896"   "6233483").PN. OR ("6954669").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:19

S28	21	("20020077666"   "4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5662689"   "5792187"   "5833712"   "5906633"   "5913877"   "5991658"   "6041254"   "6091989"   "6167305"   "6233483"). PN. OR ("6772007"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:20
S29	24	("3886950"   "4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5350403"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5662689"   "5792187"   "5833712"   "5906633"   "5913877"   "5978706"   "6041254"   "6091989"   "6167305"   "6208896"   "6233483").PN. OR ("6763266").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:20
S30	21	("4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5662689"   "5733310"   "5792187"   "5833712"   "5906633"   "5913877"   "6041254"   "6091989"   "6167305"   "6233483"   "6405081").PN. OR ("6745073").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:20
S31	13	("20020001745"   "5591211"   "5814075"   "5957956"   "6074775"   "6118248"   "6163131"   "6420852"   "6549807"   "6552511").PN. OR ("6744152").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:20

S32	25	("4637397"   "4768512"   "4850357"   "5083562"   "5184616"   "5199429"   "5385575"   "5395395"   "5411525"   "5466254"   "5507781"   "5527346"   "5658321"   "5662689"   "5792187"   "5800462"   "5833712"   "5906633"   "5908443"   "5913877"   "5991658"   "6041254"   "6091989"   "6167305"   "6233483").PN. OR ("6714818").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:20
S33	15	("4637397"   "4850357"   "5083562"   "5199429"   "5370663"   "5385575"   "5395395"   "5411525"   "5507781"   "5658321"   "5800462"   "5833712"   "5908443"   "5913877"   "6041254").PN. OR ("6484056").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/04 17:22
S34	1	("20010031992").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:22
S35	54	(US-20030074025-\$ or US-20040068301-\$ or US-20010031991-\$ or US-20030120310-\$ or US-20020087196-\$ or US-20030088279-\$ or US-20010031992-\$ or US-20030088277-\$ or US-20030125773-\$ or US-20050085862-\$ or US-20020022867-\$ or US-20040002736-\$ or US-20040172068-\$ or US-20030088281-\$ or US-20030088282-\$).did. or (US-5545181-\$ or US-5797968-\$ or US-5913877-\$ or US-5383907-\$ or US-5626619-\$ or US-6041254-\$ or US-5620464-\$ or US-6280461-\$ or US-5534015-\$ or US-5522853-\$ or US-5514160-\$ or US-5507781-\$ or US-6546287-\$ or US-6208896-\$ or US-5769872-\$ or US-5871505-\$ or US-5591209-\$ or US-6477413-\$ or US-5199429-\$ or US-5733309-\$ or US-5718718-\$ or US-5800462-\$ or US-	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:35

		5725560-\$ or US-6093982-\$ or US-5733310-\$ or US-6175765-\$).did. or (US-5184616-\$ or US-6035235-\$ or US-5833712-\$ or US-6173204-\$ or US-6947793-\$ or US-6233483-\$ or US-5385575-\$ or US-5447518-\$ or US-6104953-\$ or US-5904706-\$ or US-6091989-\$ or US-5906633-\$ or US-6405081-\$).did.				
S36	36	S35 and charg\$ and coupl\$	US-PGPUB; USPAT	OR	OFF	2007/04/04 17:35
S37	1	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and ((pulse-width "pulse width") near modulat\$3 near (waveform "wave form" wave-form))	US-PGPUB; USPAT	OR	OFF	2007/04/05 13:21
S38	181	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and charg\$ and capacitor	US-PGPUB; USPAT	OR	OFF	2007/04/05 13:21
S39	136	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and charg\$ and capacitor and (coupl\$ decoupl\$ uncoupl\$)	US-PGPUB; USPAT	OR	OFF	2007/04/05 13:22
S40	181	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and charg\$ and capacitor and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$)	US-PGPUB; USPAT	OR	OFF	2007/09/12 17:16
S41	1	("5470341").PN.	US-PGPUB; USPAT	OR	OFF	2007/04/05 14:42
S42	6	("5201865"   "5999582"   "6208898"   "6241751"   "6546287"   "6647290").PN. OR ("7200434").URN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/05 16:26
S44	20	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and (pulse\$1 near width near modulat\$)	US-PGPUB; USPAT	OR	OFF	2007/09/12 17:51

S45	0	("2005/0085862").URPN.	USPAT	OR	OFF	2007/09/12 17:23
S46	0	("2005/0228453").URPN.	USPAT	OR	OFF	2007/09/12 17:23
S47	0	("2004/0116967").URPN.	USPAT	OR	OFF	2007/09/12 17:25
S48	0	("2003/0125773").URPN.	USPAT	OR	OFF	2007/09/12 17:26
S49	6	("5201865"   "5999582"   "6208898"   "6241751"   "6546287"   "6647290"). PN. OR ("7200434"). URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/12 17:28
S50	47	("4328808"   "4574810"   "4577633"   "4587970"   "4727380"   "4727877"   "4768512"   "4771781"   "4800883"   "4830006"   "4834100"   "4880005"   "4949719"   "4953551"   "5088489"   "5111813"   "5163427"   "5165162"   "5184616"   "5188105"   "5201865"   "5481238"   "5549643"   "5593427"   "5601612"   "5607454"   "5620470"   "5629842"   "5645573"   "5725560"   "5733310"   "5735879"   "5749904"   "5749905"   "5769872"   "5776166"   "5797968"   "5800462"   "5800463"   "5803927"   "5836978"   "5904706"   "5908442"   "5978706"   "5991658"   "6047212"   "6096063").PN. OR ("7174208").URPN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/12 17:32
S51	57	("4272877"   "4316472"   "4328808"   "4375817"   "4384585"   "4574810"   "4587970"   "4726380"   "4727380"   "4768512"   "4771781"   "4800883"   "4830006"   "4880005"   "4932407"   "4949719"   "4953551"   "5088489"   "5111813"   "5117824"   "5163427"   "5165162"   "5174288"   "5184616"   "5188105"   "5201865"   "5261400"   "5344430"   "5481238"   "5549643"   "5593427"   "5601612"	US-PGPUB; USPAT; USOCR	OR	OFF	2007/09/12 17:37



		"5607454"   "5620470"   "5629842"   "5725560"   "5735879"   "5749904"   "5749905"   "5769872"   "5776166"   "5797968"   "5800462"   "5800463"   "5803927"   "5836977"   "5836978"   "5904706"   "5908442"   "5953551"   "5978706"   "5991658"   "6047212"   "6096063"   "6208898"   "6546287"   "6941170").PN. OR ("7151963").URPN.				
S52	32	"607"/.ccls. and ("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and (pulse\$1 near width near modul \$)	US-PGPUB; USPAT	OR	OFF	2007/09/12 17:59
S53	29	"607"/.ccls. and ("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and (pulse\$1 near width near modul \$) and implant\$	US-PGPUB; USPAT	OR	OFF	2007/09/12 18:00
S54	1	("20030125773").PN.	US-PGPUB; USPAT	OR	OFF	2008/03/20 12:52
S55	32	"607"/.ccls. and ("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and (pulse\$1 near width near modul \$) and switch\$	US-PGPUB; USPAT	OR	OFF	2008/03/20 13:12
S56	18	((607/4) (607/5) (607/7) (607/74)).ccls. and ("h bridge" h-bridge) and charg\$4 and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and polar\$6 and (pulse\$1 with width\$1 with modul\$6)	US-PGPUB; USPAT	OR	OFF	2008/09/08 12:59

S57	26	"607"/\$.ccls. and ("h bridge" h-bridge) and charg\$4 and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and polar\$6 and (pulse\$1 with width\$1 with modulat\$6)	US-PGPUB; USPAT	OR	OFF	2008/09/08 13:00
S58	8	S57 not S56	US-PGPUB; USPAT	OR	OFF	2008/09/08 13:00
S59	0	("h bridge" h-bridge) and charg\$4 and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and polar\$6 and (pulse\$1 with width\$1 with modulat\$6)	EPO; JPO; DERWENT	OR	OFF	2008/09/08 13:00
S60	22	("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$)	EPO; JPO; DERWENT	OR	OFF	2008/09/08 13:01
S61	1	("2002/0022867").URPN.	USPAT	OR	OFF	2008/09/08 13:03
S62	1	((("h bridge" h-bridge) and charg\$4 and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$) and polar\$6 and (pulse\$1 with width\$1 with modulat\$6)).clm.	US-PGPUB	OR	OFF	2008/09/08 13:14
S63	56	((("h bridge" h-bridge) and charg\$ and capacitor\$1 and (coupl\$ decoupl\$ uncoupl\$ connect\$ disconnect\$)).clm.	US-PGPUB	OR	OFF	2008/09/08 13:14
S64	55	S63 not S62	US-PGPUB	OR	OFF	2008/09/08 13:15

9/ 8/ 2008 3:26:44 PM

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